

**REMARKS**

Claims 1-20 and 22-33 are pending in this application.

Applicants respectfully traverse the rejection of claims 1-4, 6-12, 14-28, and 30-33<sup>1</sup> under 35 U.S.C. § 103(a) as unpatentable over WO 99/26415 to Bar-El ("*Bar-El*") in view of U.S. Patent Application Publication No. 2003/0133043 to Carr ("*Carr*").

Claims 1-4, 6-12, 14-28, and 30-33 are allowable over *Bar-El* at least because *Bar-El* does not teach or suggest each and every element of independent claims 1, 10, 16, 19, 20, 22, and 26, from which claims 2-4, 6-9, 11-15, 17, 18, 21, 23-25, 27, 28, and 30-33 depend. For example, *Bar-El* fails to teach or suggest a data transmission method including "performing a first signal processing on said television content data according to software stored in a removable recording medium ... to output first output content data; and performing a second signal processing using said first output content data and said television content data based on said auxiliary data to generate second output content data," as recited in claim 1.

In the Office Action, the Examiner did not clearly explain the pertinence of *Bar-El* to the claim limitations. "When a reference is complex or shows or describes inventions other than that claimed by the applicant, the particular part relied on must be designated as nearly as practicable. The pertinence of each reference, if not apparent, must be clearly explained ..." 37 C.F.R. § 1.104(c)(2). For example, the Examiner failed to point out where *Bar-El* allegedly teaches or suggests "performing an operation and outputting

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<sup>1</sup> The Examiner indicated that claims 34-39 are included in this rejection. However, since claims 34-39 were previously canceled, it appears claims 34-39 were only included through a typographical error on the Examiner's part. Thus, Applicants assume that the Examiner intended to include only claims 1-4, 6-12, 14-28, and 30-33 in this rejection.

an operation signal based on said operation,” or “performing a first signal processing on said television content data according to software stored in a removable recording medium and said operation signal to output first output content data,” as recited in claim 1 (emphasis added). Without knowing what correspondence the Examiner intended between the limitations of the claims and *Bar-El*, Applicants find it difficult to address the Examiner’s rejection. Thus, it is respectfully requested that the Examiner designate the particular parts of the references relied on and their individual correspondence to the limitations that are recited in the claims.

*Bar-El* discloses a “video server 11” that transmits requested video sequences along with video parameters and personalized data to a “user computer 12.” An individual “personalization module 62” residing in the user computer 12 creates personalized videos therefrom. (Page 17, lines 4-13). In the personalization module 62, “mixer 44 mixes the adapted image produced by frame adapter 40 with the current frame of the video stream to create one frame (“a personalized frame”) of a personalized video stream” (pg. 15, lines 22-24). A “video unit 14” of the user computer 12 “receives a location to which a user pointed, and “compares the location received from the operating system with the area ... of the implanted image ... [to] transmit an indication of this fact ... to the video server 11” (pg. 9, lines 3-12).

*Bar-El* fails to teach or suggest “**performing a first signal processing on said television content data according to software stored in a removable recording medium ... to output first output content data,**” as recited in claim 1 (emphasis added). The Examiner argued, “the claimed, ‘performing a ‘first signal processing’, is met by the mixer 44 of the video personalization module” (Office Action, pg. 6,

paragraph 1). However, the “mixer 44” of *Bar-El* does not “perform[] a first signal processing on said television content data according to software stored in a removable recording medium and said operation signal,” as recited in claim 1. For example, *Bar-El* does not disclose that its mixer 44 mixes the adapted image produced by frame adapter 40 with the current frame of the video stream according to an “operation signal” that has been outputted as a result of “performing an operation,” as required by claim 1 (emphasis added). Rather, *Bar-El* is silent on the matter of the mixer 44 receiving any “operation signal” that is based on “performing an operation.” Thus, *Bar-El* fails to teach or suggest performing the “first signal processing” recited in claim 1.

*Bar-El* also does not teach or suggest **“performing a second signal processing using said first output content data and said television content data based on said auxiliary data to generate second output content data,”** as recited in claim 1 (emphasis added). The Examiner argued, “the claimed, ‘performing a ‘second signal processing’, is met by the video unit 14 and signals from the video personalization module 62/mixer 44” (Office Action, pg. 6, paragraph 1). However, the “video unit 14” of *Bar-El* does not perform the “signal processing” required by claim 1. Instead, the “video unit 14” is provided a location to which a user pointed, and “compares the location received from the operating system with the area ... of the implanted image ... [to] transmit an indication of this fact ... to the video server 11” (pg. 9, lines 3-12). Merely determining whether a user pointed to a particular area does not constitute “performing a second signal processing using said first output content data and said television content data based on said auxiliary data to generate second output

content data,” as recited in claim 1 (emphasis added). Thus, *Bar-El* also fails to teach or suggest performing the “second signal processing” recited in claim 1.

*Carr* does not make up for the deficiencies of *Bar-El* because *Carr* also fails to teach or suggest “performing a first signal processing on said television content data according to software stored in a removable recording medium and said operation signal to output first output content data” or “performing a second signal processing using said first output content data and said television content data based on said auxiliary data to generate second output content data,” as recited in claim 1. *Carr* appears to be silent on the matter of the “first signal processing” and “second signal processing” recited in claim 1, and the Examiner does not rely on *Carr* for any asserted teaching or suggestion of these limitations.

Thus, since *Bar-El* and *Carr* fail to teach or suggest, either alone or in combination, each and every element of independent claim 1, independent claim 1 is allowable over *Bar-El* and *Carr* under § 103(a).

In addition, independent claims 10, 16, 19, 20, 22, and 26 are allowable over *Bar-El* and *Carr* for reasons substantially similar to those explained above in relation to claim 1. For example, *Bar-El* and *Carr* also fail to teach or suggest the “first signal processing means” and the “second signal processing means” recited in claim 10, claim 20, and claim 26. *Bar-El* and *Carr* also do not teach or suggest the “signal processing means” and the “signal combining means” recited in claim 16. Furthermore, *Bar-El* and *Carr* do not teach or suggest performing the “desired first signal processing” recited in claim 19 to produce first output content data, and “processing said first output content data” as recited in claim 19. *Bar-El* and *Carr* also fail to teach or suggest a “viewer

apparatus” that performs the “desired first signal processing” and the “predetermined second signal processing” recited in claim 22.

Thus, because claims 2-4 and 6-9 depend from claim 1; claims 11, 12, 14, and 15 depend from claim 10; claims 17 and 18 depend from claim 16; claim 21 depends from claim 20; claims 23-25 depend from claim 22; and claims 27, 28, and 30-33 depend from claim 26, claims 1-4, 6-12, 14-28, and 30-33 should be allowed over *Bar-El* and *Carr*.

Applicants respectfully traverse the rejection of claims 5, 13, and 29 under 35 U.S.C. § 103(a) as unpatentable over *Bar-El* in view of *Carr*, and further in view of U.S. Patent No. 6,425,825 to Sitrick (“*Sitrick*”).

Claims 5, 13, and 29 depend from claims 1, 10, and 26, respectively. *Sitrick* does not appear to make up for the deficiencies of *Bar-El* and *Carr* explained above in relation to claims 1, 10, and 26. For example, *Sitrick* appears to be silent on the matter of the “first signal processing” and “second signal processing” recited in claim 1, and the Examiner does not rely on *Sitrick* for any asserted teaching or suggestion of these limitations.

Thus, since *Bar-El*, *Carr*, and *Sitrick* do not teach or suggest each and every element of claims 1, 10, and 26, these claims and claims 5, 13, and 29 dependent therefrom are allowable over *Bar-El*, *Carr*, and *Sitrick*.

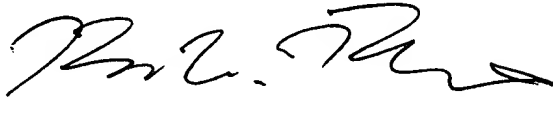
In view of the foregoing remarks, Applicants respectfully request reconsideration and reexamination of this application and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to Deposit Account No. 06-0916.

Respectfully submitted,

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